

## Tonya R. Scheuerman

Senior Forensic Consultant | Team Lead - Technical Consulting Desk Solutions

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### Professional Summary:

Ms. Scheuerman is an electrical engineer with over with over 9 years of specific insurance and risk management industry experience in addition to her experience with troubleshooting and testing in other engineering industries. Ms. Scheuerman performs post loss damage assessment of electrical and mechanical equipment. As a Forensic Consultant within EFI Global, Ms. Scheuerman conducts in-depth equipment inspections to determine extent of damage, repair/restoration, and identifies cost-effective solutions to mitigate business interruption. Ms. Scheuerman works directly with equipment owners, their technical representatives, and manufacturers, to successfully resolve equipment claims.

### Areas of Expertise:

- Investigates cause of loss and/or determine scope and extent of damage
- Provides recovery options (repairability, replacement, restoration)
- Completes a contamination analysis and assists with restoration scope
- Provides recommendations costs and timing on: repair, like kind and quality (LKQ) replacement, actual cash value (ACV) or depreciated value, salvage value, fair market value,
- Captures claim exposure to help set reserves
- Facilitates mitigation to minimize business interruption
- Review and validate recovery quotes and invoices

**Industries:** Industrial | Food Processing | Heating & Cooling | Broadcasting | Telecommunications | Manufacturing | Medical, Dental, Laboratories | Power Distribution | Printing

**Perils:** Lightning, Power Surge, Floating Neutral, Single Phasing | Fire and Explosion | Soot & Water Contamination | Vandalism | Operator Error | Physical Impact

### Project Experience:

#### **51-story High Rise - Miami, Florida**

Elevator water loss - Investigated exposure to two elevator cars / shafts and reviewed emergency repair invoices as well as a \$500,000 repair proposal. Worked with vendors to remove repairs that were not related to the loss event.

#### **Data Center - Livonia, Michigan**

Transformer failure due to lightning. Recommended recovery solutions to eliminate the cost of renting a temporary generator.

#### **Golf Course - Ypsilanti, Michigan**

Power equipment damage due to impact from front loader. Retained by an attorney to review documents for repair of power distribution equipment. The attorney requested a determination on what was fair and reasonable four years after the incident. Identified costs for material and labor that was deemed not related to the loss event.

### **Fiber Line Repair – Columbus, Ohio**

A truck snagged an aerial fiber line. Retained by an adjuster to review a 3rd party claim to fiber optic lines. A total of \$77,551.28 was claimed. It was determined that repair included unnecessary work that was claimed as part of the recovery. Proposed claim settlement \$25,652.00.

### **Professional Experience:**

EFI Global, Senior Forensic Consultant, 2020 - Present

Envista Forensics, Forensic Consultant, 2016-2019

Various full time and co-op engineering positions in automotive, military and consumer electronics between 2006 and 2016

### **Education:**

Bachelor of Science, Electrical Engineering, Kettering University, Flint, Michigan, 2018

### **Courses Instructed/ Guest Lecturer:**

Presenter for "Lightning Basics" 1-hour live virtual webinar, January 2024

Presenter for "Equipment Consulting Services" 45-minute in person presentation, August 2024

Presenter for "Lightning Basics" 45- minute in person presentation, January 2025

Presenter for "Lightning Strikes and Damage Determination" 1-hour live virtual webinar, February 2025 (CE Instructor)

### **Publications and Presentations:**

Edmunds, Tonya. "Determining the optimal use of the SureTest® Circuit Analyzer in Forensic Engineering", Kettering University / Envista Forensics, 2018

Scheurman, Tonya. "The hidden power of equipment consulting in strategic disaster recovery" EFI Global / Sedgwick, 2025